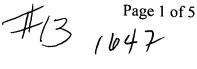
s. steele







RAW SEQUENCE LISTING

DATE: 12/24/2002 TIME: 14:20:37

PATENT APPLICATION: US/09/724,319

Input Set : N:\Crf3\RULE60\09724319.raw Output Set: N:\CRF4\12242002\I724319.raw

```
1 <110> APPLICANT: Schenk, Dale B.
    Neuralab Limited
 3 <120> TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
 4 <130> FILE REFERENCE: 15270J-004740US
 6 <140> CURRENT APPLICATION NUMBER: 09/724,319
 7 <141> CURRENT FILING DATE: 2000-11-27
 9 <150> PRIOR APPLICATION NUMBER: US/09/322,289
10 <151> PRIOR FILING DATE: 1999-05-28
                                                          ENTERED
12 <160> NUMBER OF SEQ ID NOS: 5
13 <170> SOFTWARE: PatentIn Ver. 2.1
15 <210> SEQ ID NO: 1
16 <211> LENGTH: 42
                                                      BEST AVAILABLE COPY
17 <212> TYPE: PRT
18 <213> ORGANISM: Homo sapiens
19 <220> FEATURE:
20 <223> OTHER INFORMATION: human Abeta42 beta-amyloid peptide
21 <400> SEQUENCE: 1
22
         Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
23
         Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
25
                     20
                                          25
26
         Gly Leu Met Val Gly Gly Val Val Ile Ala
                                      40
29 <210> SEQ ID NO: 2
30 <211> LENGTH: 13
31 <212> TYPE: PRT
32 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: Description of Artificial Sequence: Abetal-12
        peptide with carboxyl terminal Cys residue
         inserted
37 <400> SEQUENCE: 2
38
        Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val Cys
41 <210> SEQ ID NO: 3
42 <211> LENGTH: 6
43 <212> TYPE: PRT
44 <213> ORGANISM: Artificial Sequence
45 <220> FEATURE:
46 <223> OTHER INFORMATION: Description of Artificial Sequence: Abeta1-5
47
        peptide with carboxyl terminal Cys residue
48
        inserted
49 <400> SEQUENCE: 3
```





## RAW SEQUENCE LISTING DATE: 12/24/2002 PATENT APPLICATION: US/09/724,319 TIME: 14:20:37

Input Set : N:\Crf3\RULE60\09724319.raw
Output Set: N:\CRF4\12242002\I724319.raw

```
50
              Asp Ala Glu Phe Arg Cys
     51
     53 <210> SEQ ID NO: 4
     54 <211> LENGTH: 12
     55 <212> TYPE: PRT
     56 <213> ORGANISM: Artificial Sequence
     57 <220> FEATURE:
     58 <223> OTHER INFORMATION: Description of Artificial Sequence: Abeta33-42
              peptide with carboxyl terminal Cys residue
     59
     60
              inserted
W--> 61 <221> NAME/KEY: MOD RES
     62 <222> LOCATION: (2)
     63 <223> OTHER INFORMATION: Xaa = amino hepatanoic acid
W--> 64 <400> 4
W--> 65
              Cys Xaa Gly Leu Met Val Gly Gly Val Val Ile Ala
     66
     68 <210> SEQ ID NO: 5
                                                               BEST AVAILABLE COPY
     69 <211> LENGTH: 19
     70 <212> TYPE: PRT
     71 <213> ORGANISM: Artificial Sequence
     72 <220> FEATURE:
     73 <223> OTHER INFORMATION: Description of Artificial Sequence: Abeta13-28
     74
              peptide with carboxyl terminal Cys residue
     75
              inserted and two added Gly residues
W--> 76 <221> NAME/KEY: MOD RES
     77 <222> LOCATION: (1)
     78 <223> OTHER INFORMATION: Xaa = acetyl histidine
W--> 79 < 400 > 5
W--> 80
              Xaa His Gln Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys
     81
     82
              Gly Gly Cys
```





RAW SEQUENCE LISTING ERROR SUMMARY PATENT APPLICATION: US/09/724,319

DATE: 12/24/2002 TIME: 14:20:38

Input Set : N:\Crf3\RULE60\09724319.raw
Output Set: N:\CRF4\12242002\I724319.raw

## Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 2
Seq#:5; Xaa Pos. 1

BEST AVAILABLE COPY





## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/724,319

DATE: 12/24/2002 TIME: 14:20:38

Input Set : N:\Crf3\RULE60\09724319.raw
Output Set: N:\CRF4\12242002\I724319.raw

L:61 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:64 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4

L:65 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0

L:76 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:79 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5

L:80 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0

## **BEST AVAILABLE COPY**